Geoderma, 58 (1993) 257
Elsevier Science Publishers B.V., Amsterdam

Contents Volume 58, 1993

Research Papers
Stability implications of the state factor model of soils as a nonlinear dynamical system
J.D. Phillips 1
Colloidal suspensions of calcium carbonate in soils and their likely significance in the formation of calcic horizons
M. Baghernejad and J.B. Dalrymple 17
Coating of silica sand with goethite: preparation and analytical identification
A. Scheidegger, M. Borkovec and H. Sticher 43
Quantification of physical ripening in an unripe marine clay soil
D.J. Kim, J. Feyen, H. Vereecken, D. Boels and J.J.B. Bronswijk 67
Expression of andic and spodic properties in tephra-influenced soils of northern Idaho, USA
P.A. McDaniel, M.A. Fosberg and A.L. Falen 79
Phosphorus forms and fixation capacity of representative soils in Akwa Ibom State of Nigeria
T.O. Ibia and E.J. Udo 95
Phosphate sorption as related to mineralogy of a hydrosequence of soils from the Cerrado region (Brazil)
M.V. De Mesquita Filho and J. Torrent 107

Book Reviews 125

Guide for Authors

Research Papers
Upper Pennsylvanian–Permian (Naco Group) paleosols (north-central Arizona): field and isotopic evidence
R. Kenny and K.E. Neet 131
Modelling preferential flow of water in soils — a two-phase approach for field conditions
J. Hosang 149
Mapping clay content for subsurface drainage in the Nile Delta
J. Gallichand and D. Marcotte 165
Trace and rare earth element content of white clay soils of the Three River Plain, Heilongjiang Province, P.R. China
B. Xing and M.J. Dudas 181
Genesis of altered Conway Granite (grus) in New Hampshire, USA
C.V. Evans and W.A. Bothner 201
Ligand competition method for determining stability constants of fulvic acid iron complexes
S.B. Pandeya 219
Structural investigations of humic substances by IR-FT, ^{13}C-NMR spectroscopy and comparison with a maleic oligomer of known structure
G. Ricca and F. Severini 233

Book Reviews 245

Current Titles in Soil Science 249

Contents Volume 58, 1993 257

0016-7061/93/$06.00 © 1993 Elsevier Science Publishers B.V. All rights reserved.